



**Planning and Community
Development Department**
2880 International Circle
Colorado Springs, Colorado 80910
Phone: 719.520.6300
Fax: 719.520.6695
Website: www.elpasoco.com

DEVIATION REQUEST AND DECISION FORM

Updated: 6/26/2019

PROJECT INFORMATION

Project Name :	Monument Ridge East Filing No. 1
Schedule No.(s) :	7102200006, 7102200008, 7102200010, 7102200013, 7102201001 / 7102201014
Legal Description :	See attached

APPLICANT INFORMATION

Company :	Monument Ridge East, LLC
Name :	Donald Cannella, Manager
	☒ Owner ☐ Consultant ☐ Contractor
Mailing Address :	6275 Lake Shore Ct. Colorado Springs, CO 80915
Phone Number :	(719) 491-4442
FAX Number :	
Email Address :	donaidd.cannella@gmail.com

ENGINEER INFORMATION

Company :	PRC Engineering	Colorado P.E. Number :	37173
Name :	Ray Perez		
Mailing Address :	1685 W. Uintah St., Suite 114 Colorado Springs, CO 80904		
Phone Number :	719-291-2144		
FAX Number :			
Email Address :	ray@prceng.com		

OWNER, APPLICANT, AND ENGINEER DECLARATION

To the best of my knowledge, the information on this application and all additional or supplemental documentation is true, factual and complete. I am fully aware that any misrepresentation of any information on this application may be grounds for denial. I have familiarized myself with the rules, regulations and procedures with respect to preparing and filing this application. I also understand that an incorrect submittal will be cause to have the project removed from the agenda of the Planning Commission, Board of County Commissioners and/or Board of Adjustment or delay review until corrections are made, and that any approval of this application is based on the representations made in the application and may be revoked on any breach of representation or condition of approval.

Donnie Cannella _____ 7/24/2026
Signature of owner (or authorized representative) Date

Engineer's Seal, Signature
And Date of Signature



PCD File No. _____

DEVIATION REQUEST (Attach diagrams, figures, and other documentation to clarify request)

A deviation from the standards of or in Section 8.2.3 of the Engineering Criteria Manual (ECM) is requested.

Identify the specific ECM standard which a deviation is requested:

Section 8.2.3 requires that when transitioning from a smaller storm sewer pipe to a larger storm sewer pipe, the pipe crowns (inside top surfaces or soffits) be matched rather than matching flowlines.

State the reason for the requested deviation:

This deviation is requested for the storm sewer connection immediately downstream of the Pond 4 outlet structure. Due to the required pond bottom elevation, outlet structure configuration, and downstream storm sewer alignment, matching the crowns of the 48-inch outlet opening and the proposed 24-inch RCP cannot be achieved without raising the outlet structure and outlet pipe. Raising the outlet structure would reduce available detention storage and require modification of the approved detention basin geometry while providing no meaningful hydraulic benefit.

Explain the proposed alternative and compare to the ECM standards (May provide applicable regional or national standards used as basis):

The proposed design maintains the downstream 24-inch RCP at the elevation necessary to preserve the approved detention basin geometry and outlet structure configuration. The outlet structure regulates all discharges from the detention basin and the downstream storm sewer conveys only the controlled pond release.

The purpose of matching pipe crowns is to reduce entrance losses where storm sewer systems convey significant flow. At this location, the downstream pipe operates well below its hydraulic capacity during all design storm events; therefore, any additional entrance losses associated with the soffit mismatch are hydraulically insignificant. The proposed configuration achieves the intent of the DCM while preserving the required detention storage volume and approved outlet structure elevations.

LIMITS OF CONSIDERATION

(At least one of the conditions listed below must be met for this deviation request to be considered.)

- ☐ The ECM standard is inapplicable to the particular situation.
- ☐ Topography, right-of-way, or other geographical conditions or impediments impose an undue hardship and an equivalent alternative that can accomplish the same design objective is available and does not compromise public safety or accessibility.
- ☒ A change to a standard is required to address a specific design or construction problem, and if not modified, the standard will impose an undue hardship on the applicant with little or no material benefit to the public.

Provide justification:

Matching the pipe crowns would require increasing the outlet elevation, modifying the detention basin geometry, and reducing available detention storage. Because the outlet structure controls all releases and the downstream storm sewer conveys only regulated low-flow discharges, matching crowns would not improve hydraulic performance, public safety, or system operation.

CRITERIA FOR APPROVAL

Per ECM section 5.8.7 the request for a deviation may be considered if the request is **not based exclusively on financial considerations**. The deviation must not be detrimental to public safety or surrounding property. The applicant must include supporting information demonstrating compliance with **all of the following criteria**:

The deviation will achieve the intended result with a comparable or superior design and quality of improvement.

The proposed design preserves the approved detention basin geometry while providing equivalent hydraulic performance. The downstream storm sewer has ample capacity to convey all controlled releases.

The deviation will not adversely affect safety or operations.

The deviation will not adversely affect public safety or storm sewer operations. The outlet structure continues to regulate all discharges.

The deviation will not adversely affect maintenance and its associated cost.

Maintenance procedures and costs remain unchanged.

The deviation will not adversely affect aesthetic appearance.

No visual impacts will result.

The deviation meets the design intent and purpose of the ECM standards.

The intent of Section 8.2.3 is to minimize hydraulic losses at storm sewer transitions. Because this transition occurs immediately downstream of a controlled detention outlet operating at very low discharge rates, any additional entrance losses are negligible and do not affect hydraulic performance.

The deviation meets the control measure requirements of Part I.E.3 and Part I.E.4 of the County's MS4 permit, as applicable.

This deviation does not affect compliance with the County's MS4 permit requirements.

REVIEW AND RECOMMENDATION:

Approved by the ECM Administrator

This request has been determined to have met the criteria for approval. A deviation from Section 8.2.3 of the ECM is hereby granted based on the justification provided.

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Denied by the ECM Administrator

This request has been determined not to have met criteria for approval. A deviation from Section 8.2.3 of the ECM is hereby denied.

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ECM ADMINISTRATOR COMMENTS/CONDITIONS:

1.1. PURPOSE

The purpose of this resource is to provide a form for documenting the findings and decision by the ECM Administrator concerning a deviation request. The form is used to document the review and decision concerning a requested deviation. The request and decision concerning each deviation from a specific section of the ECM shall be recorded on a separate form.

1.2. BACKGROUND

A deviation is a critical aspect of the review process and needs to be documented to ensure that the deviations granted are applied to a specific development application in conformance with the criteria for approval and that the action is documented as such requests can point to potential needed revisions to the ECM.

1.3. APPLICABLE STATUTES AND REGULATIONS

Section 5.8 of the ECM establishes a mechanism whereby an engineering design standard can be modified when if strictly adhered to, would cause unnecessary hardship or unsafe design because of topographical or other conditions particular to the site, and that a departure may be made without destroying the intent of such provision.

1.4. APPLICABILITY

All provisions of the ECM are subject to deviation by the ECM Administrator provided that one of the following conditions is met:

- The ECM standard is inapplicable to a particular situation.
- Topography, right-of-way, or other geographical conditions or impediments impose an undue hardship on the applicant, and an equivalent alternative that can accomplish the same design objective is available and does not compromise public safety or accessibility.
- A change to a standard is required to address a specific design or construction problem, and if not modified, the standard will impose an undue hardship on the applicant with little or no material benefit to the public.

1.5. TECHNICAL GUIDANCE

The review shall ensure all criteria for approval are adequately considered and that justification for the deviation is properly documented.

1.6. LIMITS OF APPROVAL

Whether a request for deviation is approved as proposed or with conditions, the approval is for project-specific use and shall not constitute a precedent or general deviation from these Standards.

1.7. REVIEW FEES

A Deviation Review Fee shall be paid in full at the time of submission of a request for deviation. The fee for Deviation Review shall be as determined by resolution of the BoCC.